**Daniel Gottschling**

Position title: Assistant Professor
Dept. Molecular Genetics and Cell Biology
University of Chicago

Birthdate: May 28, 1955

Education:

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|---|---|---|---|
| Augustana College, IL | BA | 1977 | Chemistry |
| University of Colorado, Boulder | MS | 1980 | Chemistry |
| | Ph.D. (T. Cech) | 1984 | Chemistry |
| Fred Hutch Cancer Centre | Postdoc (V.A. Zakian) | 1984-1988 | Mol. Biology |

Professional Experience

1989-Present Assitant Professor, University of Chicago
Dept. Molecular Genetics and Cell Biology

Honors

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|---|---|
| 1976 | NSF fellowship |
| 1985-1987 | American Cancer Society fellowship |
| 1987-1989 | NIH fellowship |
| 1989-1990 | Andrew W. Mellon Foundation Junior Scholar |
| 1990-1991 | Cancer Research Foundation Young Investigator |
| 1990-1991 | Louis Block Fund Award |
| 1991-1995 | Pew Scholar |

**Five publications related to proposal**

Gottschling, D.E. and Cech, T.R. (1984). Chromatin structure of the molecular ends of Oxytricha macronuclear DNA: Phased nucleosomes and a telomeric complex. Cell 38,501-510

Gottschling, D.E. and Zakian, V.A. (1986). Telomere proteins: Specific recognition and protection of the natural termini of Oxytricha macronuclear DNA. Cell 47, 195-205

Gottschling, D.E., Aparicio, O.M., Billington, B.L. and Zakian, V.A. (1990). Position effect at S. cerevisiae telomeres: Reversible repression of Pol II transcription. Cell 63, 751-762

Aparicio, O.M., Billington, B.L. and Gottschling, D.E. (1991). Modifiers of position effect are shared between telomeric and silent mating-type loci in S. cerevisiae. Cell 66, 11-19

Gottschling, D.E. (1992). Telomere proximal DNA in S. cerevisiae is refractory to methyltransferase activity in vivo. Proc. Natl. Acad. Sci. USA 89 4062-4065

**Other publications**

K. Kruger, Grabowski, P.J., Zaug, A.J., Sands, J., Gottschling, D.E. and Cech, T.R. (1982). Self-splicing RNA: Auto-excision and autocyclization of the ribosomal RNA intervening sequence of Tetrahymena. Cell 31, 147-157

Gottschling, D.E., Palen, T.E. and Cech, T.R. (1982). Different nucleosome spacing in transcribed and non-transcribed regions of the ribosomal RNA gene in Tetrahymena thermophila. Nucleic Acids Research 12, 2093-2109

Gottschling, D.E. and Zakian, V.A. (1988). DNA-protein interactions at telomeres in ciliated protozoans. Advances in Cell Biology (K.R. Miller, editor) Vol. 2, JAI Press, 291-308